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(74) Agent: **ROBERTS, Steven**; Shinjyu Global IP, c/o Shinjyu Global IP Counselors, LLP, 1233 Twentieth Street, N.W., Suite 700, Washington, DC 20036 (US).

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(71) Applicant (for all designated States except US): **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-Nishi, 2-Chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

(71) Applicant (for US only): **SNOWDEN MOORE, Christopher** [US/US]; 1627 Laurel Street, Wilmington, DE 19804 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MURAKAMI, Shinji** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

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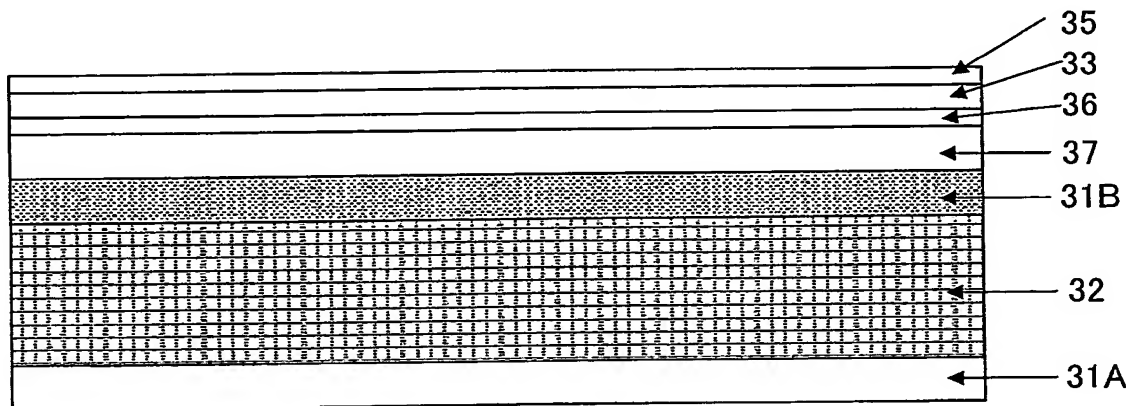
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(54) Title: FIRE-RETARDANT COMPOSITE MATERIAL



(57) Abstract: A fire-retardant composite structure which includes a balsa core layer, fiberglass reinforcing layers attached to either side of the core layer, a PTFE porous layer attached to one of the fiberglass layers or to a fiberglass veil, and a gel coat layer over the PTFE porous layer. Matrix resin bonds the fiberglass layers to the balsa core member, as well as the PTFE porous layer to the fiberglass layers by impregnation.

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